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Sling Load - Course Information

- <u>Resident Course</u> - <u>Mobile Course</u> - <u>Low Cost, Low Altitude Aerial Delivery System (LCLA ADS)</u> -

- Course Dates -

RESIDENT COURSE:

REPORTING TIME AND LOCATION: Report on Monday, at 0730 to Building #6238, 1220 Rear Access Road, Fort Lee. Directions from Lodging: Left on Mahone Ave (changes to 16th St. at "B" Ave) to Rear Access Rd, make a right on Rear Access Rd. Contact Number 804-734-4724/4185/5946 or DSN 687-.

COURS E DURATION: The course is five (5) days long. Students are cautioned against making travel arrangements to depart prior to 1800 on the last day of training. Students will not be released early to depart Ft Lee. It is approximately one hour from Fort Lee to the Richmond International Airport.

PREREQUISITES: Service members from all service branches and the US Coast Guard are eligible for training. IAW TM 4-48.9 students must be in the rank of E-4 or above with at least one year remaining in service (NO EXCEPTIONS, NO WAIVERS). Active, Reserve Component, Department of the Army civilians, and other DOD personnel are eligible to attend.

NOTE: E-3 and below that report for a Resident or MTT Course, will not be permitted in the course for observation only.

UNIFORM: The ACU with ID tags and ID card. Personnel without ID card or ID tags will not be trained.

PACKING LIST:

- (1) Ballistic/Kevlar helmet or equivalent (flight helmets acceptable)
- (2) Leather gloves with inserts
- (3) Ear plugs
- (4) Wet weather/Cold weather clothing as required
- (5) Canteen (Camelbak is acceptable)
- (6) ID card
- (7) ID tags

BILLETING INFORMATION: All TDY arrangements are the responsibility of the sending unit. For billeting reservations, statements of non-availability, and off-post hotel information, contact Fort Lee Lodging at DSN 687-6700 or COMM (804) 733-4100. IAW the MTSS program, all personnel reporting for courses 40-hours or longer in duration, must report to the Fort Lee Lodging Office immediately upon arrival.

REGISTRATION PROCEDURES: Students are expected to arrive the day prior in order to obtain lodging and report to bldg 6238 NLT 0730 for in processing on Monday morning.

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MOBILE COURSE:

Effective immediately, units requesting mobile/on-site courses must submit a Training Requirements Arbitration Panel (TRAP) through their respective installation Training Coordinator (G-3). The QMS will not reserve training dates without proper coordination through the MACOMs. Requesting units must appoint a unit POC and contact information in the TRAP request.

GENERAL: Active, Reserve, and National Guard units may request a SLICC MTT through the ATRRS. MTT's can train a maximum of 48 students in the grade of E-4 or above (NO WAIVERS, NO EXCEPTIONS).

HOST/REQUESTING UNITS ARE RESPONSIBLE FOR PROVIDING ALL TRAINING FACILITIES, SLING LOAD EQUIPMENT AND HARDWARE, TRAINING LOADS, HELICOPTER SUPPORT, TRAVEL AND FULL PER DIEM FOR FIVE (5) INSTRUCTORS FOR 7-10 DAYS. Funding must be received no later than twelve (30) working days prior to course start date or training may be cancelled.

COST: Contact Instructional Division, DSN 687-4185/4724 or FAX: 687-3084/3146 for a cost estimate.

COORDINATION: Upon scheduling a course date it is imperative that host units carefully review all course requirements and begin coordination with the Sling Load Office (804-734-4185/4724, DSN: 687) immediately. The following list details all coordination requirements. **FAILURE TO COMPLY WITH REQUIR EMENTS CAN RESULT IN THE CANCELLATION OF TRAINING**.

- 1. Select and reserve a course date in ATRRS. (COURS E# 860-F4; SCHOOL CODE 101)
- 2. Establish a primary and alternate POC, and contact the Sling Load Office at 804-734-4185/4724.
- 3. WE WILL SEND AN INFORMATION AND PLANNING PACKAGE WHICH INCLUDES ACKNOWLEDGEMENT THAT ALL EQUIPMENT REQUIRED FOR TRAINING IS SERVICEABLE AND WILL BE LAID OUT READY FOR INSPECTION ON THE FRIDAY BEFORE THE COURSE. RETURN MEMORANDUM TO THE SLIC COURSE OFFICE NLT 15 DAYS PRIOR TO TRAINING.
- 4. Schedule helicopter support and a large PZ (minimum 100x100 meters) for last day of the course from 0900-1200.
- 5. Reserve a 48-person classroom with multi-media capabilities.
- 6. Reserve a training area (MUST BE INDOORS AND a MINIMUM OF 3,000 SQ. FT) for the round-robin hands-on portion of the course. Ideal areas include empty aircraft hangars, armories, large open warehouse buildings. Area will be used to set up 12 rigged loads for training. The loads include: Three (3) HMMW V's, three (3) A-22 Cargo Bags (using 4 x 55 gal drums per bag as the loads), Three (3) 5K or 10K cargo nets (using 4 x 55 gal drums per net as the load), Six (6) 500- gallon collapsible fuel or water blivets. Loads must have adequate separation for training.
- 7. Reserve 4- hand held radios (PRC-127's, Motorola's) and appropriate SINCGARS or FM capable radio for Ground to Air (GTA) communication. Conduct a test of all radios and batteries and establish a primary and alternate frequency with the aviators for GTA communication.
- 8. Consolidate all equipment in the designated training area and inspect for completeness and serviceability IAW TM 4-48.09. Advise the Sling Load Office of any deficiencies to determine if an exception to policy is acceptable, or if we can bring the missing item(s).
- 9. Notify the Sling Load Office upon completion of all requirements.
- 10. Have a 10-person detail available to arrange training area and classroom as directed by the advance party. SLING LOAD ADVANCE PARTY WILL NOT SET UP YOUR TRAINING AREA FOR YOU.

- Print Version -

Equipment List	QTY
A-22 Cargo Bag (complete with medium clevis and four suspension webs for each) 1670-00-587-3421	3
5K 1670-01-058-3811 10K Cargo Net (one of each preferred) 1670-01-058-3810	3
Collapsible Fuel Drum, 500 gal or Water Blivet, 500 gal ***Do not fill with fuel or water, inflate with air ONLY.	6
Air Compressor	1
HMMWV Cargo Truck (M1151 preferred)	3
Covered Vehicle (with FM radio and speakers)	1
10K Sling Set (Complete with 4 legs) 1670-01-027-2902	6
25K Sling Set (Complete with 4 legs) 1670-01-027-2900	6
Tables W/Chairs (TNG area)	4
Clipboards	12
Fork Lift 4K (rough terrain capable–call SLICC Office for more details)	1
2" Pressure sensitive tape (100mph tape,O.D. Green) 7510-00-266-5016	6 rolls
Type III Nylon Cord 4020-00-240-2146	1 roll
1/4" Cotton Webbing 8305-00-268-2411	2 rolls
11K 4020—01-365-3115 or 25K Cargo Hook Reach Pendant 4020-01-337-3185 (minimum of one each)	2
Static Discharge Wand (with grounding rod) 1670-00-574-8044	2
Safety goggles 4240-00-052-3776	12
Large Clevis 4030-00-090-5354	1
Medium Clevis 4030-00-678-8562	1
Small Clevis 4030-00-360-0304	1
15-foot Tie Down Strap (Dacron) 5340-01-204-3009	1
Load Binders (10K) 1670-00-937-0272	1 each
CGU-1B Cargo Strap (Ratchet Strap) 1670-00-725-1437	1
Type IV Connector Link 1670-00-783-5988	3
Two-point Link Assembly	1
Type XXVI Nylon, 3 ft Sling 1670-01-062-6301	3
Masking Tape, 2"	5 rolls

Anemometer or Turbo Meter or equivalent wind reading device	1
Two Way Radios (hand held PRC's or Motorola type)	5
TM 4-48.09	4
TM 4-48.10 and TM 4-48.11	1
Multi-media Classroom for 48 students	1
Podium	1
Dry Erase board and Markers	1
Lap Top	1
3,000 square foot of rigging space (MUST BE COVERED OR INDOORS, EMPTY HANGARS, WAREHOUSES, OR ARMORIES RECOMMENDED)	IMPORTANT
48"x48"x48" Kicker boxes (or equivalent supplies or equipment e.g. Large tires, 55- gal drums empty with covers or ammo boxes to use as loads for A-22's and Cargo Nets)	6
48x48 Wooden Pallets	6
CH-47 or UH-60 Aircraft (Two aircraft preferred, required for Friday SL operation from 0900-1200)	1
Local Area Map (HLZ)	1
Compass	1
Access to copy machine and Internet linked computer	-

INSPECTION OF LOADS: All Army loads must be inspected by a qualified inspector prior to sling loading (effective 1 October 1997). Qualified inspectors are in the rank of E-4 or above and a graduate of one of the following courses: Pathfinder (PF), Air Assault (AA), or the Sling Load Inspector Certification Course (SLICC). Graduates of the PF or AA courses below the rank of E-4 are NOT authorized to inspect loads regardless of the date of graduation.

Inspections will be recorded on the Sling Load Inspection Record (DA Form 7382, JUL 05). This form is available in Appendix I of TM 4-48.09, and on the Sling Load Office Website: *Inspection Form*. The form must be reproduced locally for use. This form is required in triplicate. Distribution of the form is as follows:

- 1. Copy one to the supporting aviation unit.
- 2. Copy two securely taped or tied to the load.
- 3. Copy three remains in the supported unit.

Coordination for the delivery of "copy one" should be arranged prior to the operation. The supporting aviation unit may request their copies be sent through distribution, mailed, or delivered to the aircraft on the PZ. Load inspections are the responsibility of the supported unit.

- b. Completion of the DA FORM 7382, SLING LOAD INSPECTION RECORD.
 - 1. Block 1 Supported unit identification

- 2. Block 2 Item description and serial/bumper number
- 3. Block 3 Total rigged weight of the load
- 4. Block 4 Supporting Aviation unit identification
- 5. Block 5 Type Aircraft used
- 6. Block 6 FM/TM number load was rigged IAW (TM 4-48.09, TM 4-48.10 or TM 4-48.11)
- 7. Blocks 7 through 10 Fill out only what pertains to your load. Person rigging and inspecting must INITIAL appropriate blocks (Inspection and Rigging are completed by different persons).
- 8. Remarks Block Briefly identify deficiencies found during the inspection, and identify the corresponding block on the record. When transporting Unique Loads, the High Risk approving authority's signature block must be added.
- 9. Block 11 Name of the individual that rigged the load and the date.
- 10. Block 12 Name of the inspector of the load and the date.

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Low Cost, Low Altitude Aerial Delivery System (LCLA ADS):

The LCLA Resupply Load is a low cost aerial resupply load. It is designed to resist impact, keeping contents intact from heights of 150-ft to 500-ft Above Ground Level (AGL). The system is an expendable type, one time use item, which is user friendly – easy to rig, transport, and deliver. The LCLA must be inspected by a qualified parachute rigger, jump master or by an LCLA certified individual.

The Low Cost, Low Altitude Resupply Load (LCLA) training is now offered as part of all Resident SLIC Courses. Units requesting on-site SLIC Courses must inform the SLIC office in advance, if they want LCLA training.

Adding LCLA training will require students to receive familiarization with aerial delivery terms, materials, and procedures. They will receive presentations that cover nomenclature, descriptions, and capabilities of the LCLA, to include the authorized parachutes and inspection requirements.

Students also receive hands-on instruction for rigging the LCLA with a 35-Foot, Diameter, Cross Parachute (rated for loads 80-150 pounds) and the Triple Cross parachute system (clustering of three 35-Foot, Diameter, Cross parachutes rated for loads 125-425 pounds). The final instruction covers aircraft loading, hookup procedures, time warnings and deployment. All aircraft actions are conducted in a UH-60 and CH-47 mockup at the Sling Load Branch. Aircraft scheduled to support the sling load operation will be used for this training at on-site locations.

The equipment listed below is required for LCLA training in on-site SLIC Courses.

Note: Equipment must be on-hand and ready for inspection the Friday prior to training week.

	NS N	ITEM DES CRIPTION	QTY
1	4020-00-240-2146	Cord, Nylon, Type III	1 roll
2	5365-00-937-0147	D-Ring, Heavy-Duty	24 each
3	1670-00-753-3928	Pad, Energy Dissipation Material, Honeycomb	1-box
4	1670-01-551-5433	Parachute, 32-Foot Diameter, Single Cross	16-each
5	5530-00-128-4981	Plywood, 3/4- by 48- by 96-inch	2 sheets
6		OR	
7	5530-00-914-5118	Plywood, 1- by 48- by 96-inch	2 sheets
8		Polypropylene, Lightweight Material or Canvas (60-x72-inches)	2- pieces
9	8135-00-476-5268	Shrink Wrap	1-roll
10		Modified LCLA ADS Strap	24-each
11	7510-00-074-5124	Tape, Pressure Sensitive, 2-inch (Cloth-backed)	4 rolls
12	8305-00-268-2411	Webbing, Cotton, Type I, 1/4-inch	1-roll
13	8305-00-082-5752	Webbing, Nylon, Tubular, 1/2-inch	1-roll
14	7510-00-266-6712	Tape, Masking, 1-inch	4-rolls

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Sling Load - Course Dates

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FY 14 Resident Course Schedule

(Enroll in ATRRS to attend these courses)

						State
Class	Report Date	Start Date	End Date	Street	City	
001	27 Oct 2013	28 Oct 2013	01 Nov 2013	Bldg 6237 Front		
				Access Road	-0.DT	
				Distr. 0007 France	FORT LEE	VA
002	01 Dec 2013	02 Dec 2013	06 Dec 2013	Bldg 6237 Front		
				Access Road		
				Dida 0007 Frank	FORT LEE	VA
003	02 Mar 2014	03 Mar 2014	07 Mar 2014	Bldg 6237 Front		
				Access Road		
				Dida COOT Frank	FORT LEE	VA
004	16 Mar 2014	17 Mar 2014	21 Mar 2014	Bldg 6237 Front		
				Access Road		
				DI . 0007 E . 1	FORT LEE	VA
005	04 May 2014	05 May 2014	09 May 2014	Bldg 6237 Front		
	·	•	,	Access Road		
				Did.: 0007 Frank	FORT LEE	VA
006	01 Jun 2014	02 Jun 2014	06 Jun 2014	Bldg 6237 Front		
				Access Road		
				Dida 0007 Frank	FORT LEE	VA
007	13 Jul 2014	14 Jul 2014	18 Jul 2014	Bldg 6237 Front		
				Access Road		
				Did.: 0007 F: 1	FORT LEE	VA
008	10 Aug 2014	11 Aug 2014	15 Aug 2014	Bldg 6237 Front		
	Ŭ	Ü	Ĭ	Access Road		
					FORT LEE	VA

FY 14 Mobile Training Team Course Schedule

Class	Report Date	Start Date	End Date	Street	City	State
701	21 Oct 2013	21 Oct 2013	25 Oct 2013	AVAILABLE	AVAILABLE	VA
702	18 Nov 2013	18 Nov 2013	22 Nov 2013	7TH SFG	EGLIN	FL
703	09 Dec 2013	09 Dec 2013	13 Dec 2013	AVAILABLE	AVAILABLE	VA
704	16 Dec 2013	16 Dec 2013	20 Dec 2013	AVAILABLE	AVAILABLE	VA
705	27 Jan 2014	27 Jan 2014	31 Jan 2014	NG	AVAILABLE	VA
706	03 Feb 2014	03 Feb 2014	07 Feb 2014	AVAILABLE	AVAILABLE	VA
707	24 Feb 2014	24 Feb 2014	28 Feb 2014	AVAILABLE	AVAILABLE	VA
708	10 Mar 2014	10 Mar 2014	14 Mar 2014	AVAILABLE	AVAILABLE	VA
709	31 Mar 2014	31 Mar 2014	04 Apr 2014	FMS	AVAILABLE	VA
710	07 Apr 2014	07 Apr 2014	11 Apr 2014	AVAILABLE	AVAILABLE	VA
711	14 Apr 2014	14 Apr 2014	18 Apr 2014	AVAILABLE	AVAILABLE	VA
712	21 Apr 2014	21 Apr 2014	25 Apr 2014	AVAILABLE	AVAILABLE	VA
713	12 May 2014	12 May 2014	16 May 2014	AVAILABLE	AVAILABLE	VA
714	12 May 2014	12 May 2014	16 May 2014	AVAILABLE	AVAILABLE	VA
715	09 Jun 2014	09 Jun 2014	13 Jun 2014	NG	AVAILABLE	VA
716	16 Jun 2014	16 Jun 2014	20 Jun 2014	AVAILABLE	AVAILABLE	VA
717	23 Jun 2014	23 Jun 2014	27 Jun 2014	AVAILABLE	AVAILABLE	VA
718	14 Jul 2014	14 Jul 2014	18 Jul 2014	AVAILABLE	AVAILABLE	VA
719	21 Jul 2014	21 Jul 2014	25 Jul 2014	AVAILABLE	AVAILABLE	VA
720	28 Jul 2014	28 Jul 2014	01 Aug 2014	NG	AVAILABLE	VA
721	04 Aug 2014	04 Aug 2014	08 Aug 2014	AVAILABLE	AVAILABLE	VA
722	11 Aug 2014	11 Aug 2014	15 Aug 2014	AVAILABLE	AVAILABLE	VA
723	18 Aug 2014	18 Aug 2014	22 Aug 2014	AVAILABLE	AVAILABLE	VA
724	08 Sep 2014	08 Sep 2014	12 Sep 2014	AVAILABLE	AVAILABLE	VA
725	15 Sep 2014	15 Sep 2014	19 Sep 2014	AVAILABLE	AVAILABLE	VA
726	22 Sep 2014	22 Sep 2014	26 Sep 2014	AVAILABLE	AVAILABLE	VA

FY 15 Resident Course Schedule

(Enroll in ATRRS to attend these courses)

						State
Class	Report Date	Start Date	End Date	Street	City	
001	26-Oct-14	27-Oct-14	31-Oct-14	Bldg 6237 Front Access Road	FORT LEE	VA
002	2-Nov-14	3-Nov-14	7-Nov-14	Bldg 6237 Front Access Road	FORT LEE	VA
003	14-Dec-14	15-Dec-14	19-Dec-14	Bldg 6237 Front Access Road	FORT LEE	VA
004	4-Jan-15	5-Jan-15	9-Jan-15	Bldg 6237 Front Access Road	FORT LEE	VA
005	1-Feb-15	2-Feb-15	6-Feb-15	Bldg 6237 Front Access Road	FORT LEE	VA
006	1-Mar-15	2-Mar-15	6-Mar-15	Bldg 6237 Front Access Road	FORT LEE	VA
007	5-Apr-15	6-Apr-15	10-Apr-15	Bldg 6237 Front Access Road	FORT LEE	VA
008	10-May-15	11-May-15	15-May-15	Bldg 6237 Front Access Road	FORT LEE	VA

FY 15 Mobile Training Team Course Schedule

Class	Report Date	Start Date	End Date	City	State
701	20-Oct-14	20-Oct-14	24-Oct-14	FORT BLISS	TX
702	17-Nov-14	17-Nov-14	21-Nov-14	AVAILABLE FOR NG	VA
703	8-Dec-14	8-Dec-14	12-Dec-14	FORT CAMPBELL	KY
704	26-Jan-15	26-Jan-15	30-Jan-15	FORT BRAGG-SOC	NC
705	23-Feb-15	23-Feb-15	27-Feb-15	AVAILABLE	VA
706	2-Mar-15	2-Mar-15	6-Mar-15	FORT CAMPBELL	KY
707	9-Mar-15	9-Mar-15	13-Mar-15	AVAILABLE	VA
708	16-Mar-15	16-Mar-15	20-Mar-15	AVAILABLE FOR NG	VA

709	23-Mar-15	23-Mar-15	27-Mar-15	AVAILABLE	VA
710	30-Mar-15	30-Mar-15	3-Apr-15	AVAILABLE	VA
711	13-Apr-15	13-Apr-15	17-Apr-15	FORT POLK	LA
712	20-Apr-15	20-Apr-15	24-Apr-15	AVAILABLE	VA
713	27-Apr-15	27-Apr-15	1-May-15	AVAILABLE	VA
714	4-May-15	4-May-15	8-May-15	AVAILABLE	VA
715	1-Jun-15	1-Jun-15	5-Jun-15	FORT DRUM	NY
716	8-Jun-15	8-Jun-15	12-Jun-15	FORT BRAGG (SOC)	NC
717	15-Jun-15	15-Jun-15	19-Jun-15	AVAILABLE	VA
718	22-Jun-15	22-Jun-15	26-Jun-15	AVAILABLE	VA
719	13-Jul-15	13-Jul-15	17-Jul-15	AVAILABLE	VA
720	20-Jul-15	20-Jul-15	24-Jul-15	AVAILABLE	VA
721	27-Jul-15	27-Jul-15	31-Jul-15	AVAILABLE-ZA	VA
722	3-Aug-15	3-Aug-15	7-Aug-15	AVAILABLE	VA
723	10-Aug-15	10-Aug-15	14-Aug-15	FORT CAMPBELL	KY
724	17-Aug-15	17-Aug-15	21-Aug-15	AVAILABLE	VA
725	24-Aug-15	24-Aug-15	28-Aug-15	FORT HOOD	TX
726	14-Sep-15	14-Sep-15	18-Sep-15	AVAILABLE	VA
727	21-Sep-15	21-Sep-15	25-Sep-15	FORT CAMPBELL	KY

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